

IN THE TITLE:

Please insert at the end of the title the following ~~AND~~
COMPOUNDS USEFUL THEREIN~.

IN THE SPECIFICATION:

Prior to the first line, please insert the following:

~~The present application is a continuation of Application Serial No. 09/140,052, filed August 26, 1998, which is a continuation of Serial No. 08/175,781, filed on December 30, 1993, now U.S. Patent No. 5,801,873, which is a continuation of Serial No. 07/874,175, filed on April 23, 1992, now U.S. Patent No. 5,751,467; which is a continuation of 07/760,877, now abandoned; which is a divisional of Serial No. 07/422,601, now abandoned; which is a divisional of Serial No. 06/846,354, filed March 31, 1986, now U.S. Patent No. 4,902,108.~~

IN THE CLAIMS:

Please cancel claims 1-10 and insert in their place the following claims 11-23.

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Claim ~~11~~ 1 An electrochromic device, comprising a single-compartment, self-erasing, solution-phase variable transmittance component that provides continuously variable transmittance over a range of transmittance as a function of ~~the~~ potential difference applied, and wherein the continuously variable transmittance component comprises an acrylic material and a UV stabilizer.

Claim ~~12~~ 2 The electrochromic device according to claim ~~11~~, wherein said acrylic material is a thickening material.

*A³
Cont'd.*

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Claim ~~15~~³. The electrochromic device according to claim
~~11~~, wherein said acrylic material is a gel.

4
Claim ~~14~~⁴. The electrochromic device according to claim
~~11~~, wherein the sheet resistance of a transparent electrode layer of the
electrochromic device is less than 40 ohms per square.

5
Claim ~~15~~⁵. An electrochromic device, comprising a
B *solution-phase, single-compartment, self-erasing*^{cont. n. usually}*variable transmittance*
component, where said electrochromic device is gray-scale controllable
over a range of transmittance and wherein the continuously variable
transmittance component comprises a gel and a UV stabilizer.

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Claim 16. The electrochromic device according to claim
15, where the device is gray-scale controllable by applying potential
differences between electrode layers of the device of 0.2 to 1.4 volts.

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Claim ~~17~~⁷. An electrochromic device, comprising a variable
transmittance component, where said electrochromic device provides
continuously variable transmittance over a range of transmittance as a
B *function of the*⁸ *potential difference applied, and wherein the*
electrochromic device comprises a UV stabilizer.

8
Claim ~~18~~⁷. The electrochromic device according to claim
~~17~~, wherein the electrochromic device further comprises one of an
acrylic material, a gel and a thickening material.

9
Claim ~~19~~⁷. The electrochromic device according to claim
~~17~~, wherein the sheet resistance of a transparent electrode layer of the
electrochromic device is less than 40 ohms per square.

A³
Contd.

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Claim 20. An electrochromic device, comprising a variable transmittance component, where said electrochromic device provides continuously variable transmittance over a range of transmittance as a function of the potential difference applied, and wherein the sheet resistance of a transparent electrode layer of the electrochromic device is less than 40 ohms per square.

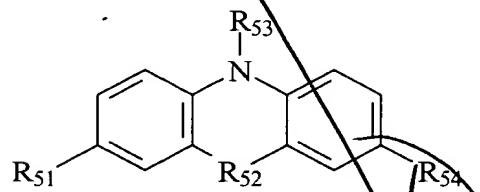
11

Claim 21. An electrochromic device according to any of claims 11, 18, 19 and 20, wherein said device is an electrochromic window that has an area of at least about 162 square centimeters.

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Claim 22. An electrochromic device, comprising a variable transmittance component, where said electrochromic device provides continuously variable transmittance over a range of transmittance as a function of the potential difference applied, where the current flow during normal device operation is 20 milliamperes per square centimeter or less, and wherein the continuously variable transmittance component comprises a gel and a UV stabilizer.

Claim 23. A compound of the formula



Wherein R₅₁ and R₅₄ are the same or different and are each selected from hydrogen and dialkylamino, wherein the alkyl groups are the same or different and each of 1 to 6 carbon atoms; R₅₂ is oxygen, sulfur or NR₅₅, wherein R₅₅ is the same as or different from R₅₃ and both R₅₅ and R₅₃ are selected from hydrogen, alkyl of 1 to 10 carbon atoms,